



FABRIC REPAIR REPAIR OF AIR TECH FABRIC

In the event of puncture or rip of your Air Tech fabric Cover, repair is simple. Consult FAA AC 43.13-1A for instructions and details on patch size.

PROCEDURE:

1. Around the hole an area the size of the patch should be lightly sanded to roughen up the surface for adhesion. One should begin to see the primer showing through when it is sanded enough. Ensure the patch has an adhesive area with a distance of at least 2 inches from the edge of the hole or rip.

2. Thoroughly clean the area with RA 4000 adhesive reducer to remove any foreign matter.

3. Thin the UA 55 adhesive with reducer to a ratio of 3 parts reducer to 1 part adhesive.

4. Brush two thinned coats of adhesive on the area to receive a patch allowing each coat to dry for 5 minutes. Dryness is indicated by a dull or flat sheen.

5. Cut a fabric patch to the proper size. Pinked edges work better.

6. Using the thinned adhesive apply the patch in the same manner used for surface tapes. Thoroughly saturate the patch with adhesive and work any entrapped air out.

7. After the patch is dry it may be slightly tautened with an iron to take any slack out.

8. Apply one or two coats of thinned adhesive to the patch. Take care to avoid any glue beads or ridges. They can be removed by wetting with RA4000 and wiping them off with a clean cloth.

9. Using a teflon coated model iron , iron all the edges of the patch and feather out the adhesive.

10. Prime the patch area with Air Tech fabric primer. Let dry then wet sand and feather it in.

11. Spot paint. If possible it is better to pick up a panel or line when painting. If this is not possible Air Tech color may be blended using extra thinner in the second coat and using sprayed thinner on the wet edge.

